

scarcely perceptible indentation; while in the female the large bulge of the thigh is contracted rather suddenly by a forward curve.

It remains only to notice that the sixth pair of legs are rather longer than the fifth and seventh pairs, and that the lobe of the head on which the eyes are situated is not curvilinear, but angular, and has a slight incision below it. These details, as well as the elevation of the fourth segment of the pleon, are common to both sexes. For other points the reader may be referred to the standard authorities.

EXPLANATION OF THE PLATES.

PLATE I.

- Fig. 1. Liljeborgia Normanni.* 1a. First gnathopod. 1b. Second gnathopod. 1c. Terminal segments of pleon, seen from above.
Fig. 2. Microdeuteropus versiculatus, male. 2a. First gnathopod, with the hand twisted and foreshortened, more enlarged than the following figure. 2b. First and second gnathopods of another specimen. 2c. Second gnathopod of the same, seen from the opposite side. 2d. First gnathopod of female. 2e. Second gnathopod of female. 2f. Hairs of second gnathopods.

PLATE II.

- Fig. 3. Gammarella brevicaudata (G. Normanni)* female. 3a. First gnathopod. 3b. Second gnathopod. 3c. First and second gnathopods of male. 3d. Second gnathopod of another specimen, with a shorter finger. 3e. Maxilliped. 3f. Length of male. 3g. Length of female.
Fig. 4. Iphimedia Eblanæ, variety.
Fig. 5. Microprotopus maculatus, male. 5a. First gnathopod. 5b. Second gnathopod.

III.—On *Callisoma Branickii*, a new Species from Nice.
 By AUGUSTUS WRZEŚNIEWSKI, Professor of Zoology in the Warsaw University.

To the Editors of the *Annals and Magazine of Natural History*.

GENTLEMEN,

You would greatly oblige me by publishing in your valuable Journal, as soon as possible, a brief description of a new species of the Amphipodous genus *Callisoma*, Costa.

I am, Gentlemen, Yours truly,

Warsaw, May 28, 1874.

A. WRZEŚNIEWSKI.

Callisoma Branickii, n. sp.

The head small; the eyes compound, elliptic. Inferior

antennæ about half the length of the animal in the female and more than three fourths in the male. Mandibulæ with a molar tubercle. The first and second gnathopoda resembling those of *Callisoma Hopei* and *C. crenata*. The coxæ of the five anterior pairs of appendages the same as in the above-named species; but those of the fourth pair of pereopoda considerably deeper than the ones appertaining to the fifth pair. The meros in the first two pairs of pereopoda is produced anteriorly, and those of the three succeeding appendages, as well as the carpus of the third pereopos, are produced posteriorly into a squamose plate. The basis in the last three pairs of pereopoda nearly the same as in *Callisoma crenata*, but the basis in the fourth pair considerably broader and higher than in the fifth pair. The fourth segment of the pleon, very much smaller than the preceding, has a notch on its dorsal surface and close to its junction with this segment; the fifth segment, still smaller, is also remarkable by a like but much less deep notch. The pleopoda of the sixth pair biramous, the rami being subequal, subfoliaceous; the inner one shorter and fringed on its inner margin with plumous hairs; the outer margins of both branches bear three to four spinules. Telson deeply cut, but single.

The whole animal is covered with brownish-yellow, minute, subovate spots, very regularly disposed, particularly on the segments of the pleon. The dead specimens preserved in spirit are yellowish grey, the others preserved in glycerine tending to a lemon-colour.

Length of the male 7.54 millims., of the female 8.22 millims.

The specimens were taken by Count Constantine Branicki at Nice in a dead *Clypeaster*, and presented to the Zoological Museum at Warsaw.

Being desirous of associating with the discovery one who has done so much for the advancement of natural history in his own country, and contributes so profusely to the enriching of our country museum, I have attached to the species the name of Count Constantine Branicki.

IV.—On the *Longicorn Coleoptera of New Zealand.*

By H. W. BATES, F.L.S.

THE number of new genera and species of *Longicorn Coleoptera* described in the following pages, chiefly obtained, without their devoting especial attention to the family, by two gentlemen (Mr. Lawson and Mr. Fereday) in the immediate neigh-